



 Cole-Parmer®

MODULAR DRY BLOCK HEATERS

UNIFORM HEAT
DISTRIBUTION
FROM SAMPLE
TO SAMPLE



Cole-Parmer® Modular Dry Block Heaters

HEAT YOUR SAMPLES QUICKLY AND UNIFORMLY

Cole-Parmer dry block heaters provide safe dry heat for a wide variety of clinical and general chemistry applications. The modular design, requiring removable heating blocks, offers precise temperature control with uniform heat distribution, ensuring reproducibility of results and eliminating the possibility of costly heater burn-out.

Purchase a complete system by selecting an analog or digital heater unit along with one or more interchangeable heating block modules to accommodate your particular variety of sample tube size requirements.

FEATURES

- Multiple heating block configurations allow you to easily customize based on your various test tube sizes
- Chemical-resistant, powder-coated steel body construction makes it easy to handle sample spills for quick cleanup time
- New compact design saves you valuable bench space



ANALOG DRY BLOCK HEATERS PROVIDE AN ECONOMICAL ALTERNATIVE

- Easy to use—simply insert sample tubes in block, read your thermometer, and adjust the knob controller to the desired temperature set point
- Bimetallic, dual-thermostat technology ensures precise control over the two most common ranges: from slightly above ambient to 60°C, and from 50 to 130°C



DIGITAL BLOCK HEATERS OFFER PRECISION CONTROL FOR REPRODUCIBLE RESULTS

- Digital heaters feature a proportional-integrative-derivative (PID) microprocessor controller with digital temperature set points and an easy-to-read LED display, providing precise temperature control of test samples
- Unique, built-in temperature sensing probe for greater temperature accuracy and uniform heating
- Temperature set point adjustments are easy to manage and can be set in 0.1° increments



INTERCHANGEABLE BLOCKS OPTIMIZE HEAT TRANSFER FOR UNIFORMITY AND ACCURACY

- Versatile blocks allow the use of multiple tube sizes
- Anodized aluminum construction provides greater heat retention
- Eliminate burns and accidental spills with the included block extractor
- Each block features a thermometer well to ensure accurate block temperature readings



In the U.S.

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International customers

Call 847-549-7600 to reach our International Sales Department or contact your local dealer.



**FREE TECHNICAL
APPLICATIONS ASSISTANCE!**

Build a complete system by choosing a block heater along with one or more interchangeable heating blocks.



Block Heaters

Catalog number	No. of blocks	Uniformity	Temperature range	Temperature control at 37°C	Dimensions (W x H x D)	Power	
						VAC	Watts
Analog dry block heaters							
ML-36402-08 ML-36402-09	One	±0.5°C	Ambient 5 to 130°C	±3.0°C	6 ¹ / ₄ " x 3 ¹ / ₂ " x 7 ¹ / ₂ "	120	100
ML-36402-10 ML-36402-11	Two				8 ¹ / ₂ " x 3 ¹ / ₂ " x 8 ¹ / ₂ "	120	150
ML-36402-12 ML-36402-13	Three	±0.5°C	Ambient 5 to 130°C	±3.0°C	11 ¹ / ₄ " x 3 ¹ / ₂ " x 9"	120	200
ML-36402-14 ML-36402-15	Four				8 ¹ / ₄ " x 3 ¹ / ₂ " x 12 ¹ / ₂ "	230	300
ML-36402-16 ML-36402-17	Six				11 ¹ / ₄ " x 3 ¹ / ₂ " x 13"	120	400
						230	400
Digital dry block heaters							
ML-36402-00 ML-36402-02	Two	±0.3°C	Ambient 5 to 130°C	±0.1°C	8 ³ / ₄ " x 3 ¹ / ₂ " x 11 ¹ / ₄ "	120	150
ML-36402-04 ML-36402-06	Four				10 ³ / ₄ " x 3 ¹ / ₂ " x 14 ¹ / ₄ "	120	300
						230	300

What's included:

6-ft power cord with U.S. standard plug.

Interchangeable Heating Blocks

Catalog number	Tube size accepted	Number of openings	Opening diameter
ML-03130-00	6 mm	30	5 ¹ / ₁₆ " (7.9 mm)
ML-03130-08	8 mm	30	2 ¹ / ₆₄ " (8.3 mm)
ML-03130-10	10 mm	20	29 ⁹ / ₆₄ " (11.5 mm)
ML-03131-00	10 mm	24	13 ³ / ₃₂ " (10.3 mm)
ML-03131-10	10 mm	12	1 ¹ / ₂ " (12.5 mm)
ML-03132-00	12 or 13 mm	22	17 ¹ / ₃₂ " (13.5 mm)
ML-03133-00	15 or 16 mm	12	11 ¹ / ₁₆ " (17.5 mm)
ML-03133-18	17 or 18 mm	12	3 ³ / ₄ " (19.0 mm)
ML-03134-00	20 mm	8	13 ¹ / ₁₆ " (20.6 mm)
ML-03135-00	25 mm	6	1" (25.4 mm)
ML-03136-00	25 mm,	3	1" (25.4 mm)
(combination block)	12 or 13 mm, and 6 mm	5	17 ¹ / ₃₂ " (13.5 mm)
		6	5 ¹ / ₁₆ " (7.9 mm)

Solid (no holes); use as hot plate